

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Elahe Houshmand

GENERAL INFORMATION:

Name:	Flexcel - Danville
Address:	STEWARTS LANE, INDUSTRIAL PARK, DANVILLE, KY 40422
Date application received:	12/14/2005
SIC/Source description:	2512 / Wood Furniture manufacturing
Plant ID number:	21-021-00021
A.I. number:	371
Activity number:	APE20050002
Permit number:	F-06-042

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

<b>Pollutant</b>	<b>Actual (TPY) EIS-Yr 2005</b>	<b>Allowable</b>	<b>Potential (TPY)</b>
PM/PM10	0.512	< 2.34 lbs/hr 401KAR 59:010* < 3.50 lbs/hr 401KAR 61:020*	12.8
VOC	7.87	<90 TPY	298
SO <sub>2</sub>	-----	NA	0.0013
NO <sub>x</sub>	0.03	NA	0.219
CO	0.025	NA	0.184
Ethyl Benzene	0.094	NA	3.44
Formaldehyde	0.0052	NA	0.192
Metanol	0.048	NA	1.75
Methyl Isobutyl Ketone	0.062	NA	2.25
Toluene	0.545	<9.0 TPY	21.5
Xylene	0.470	<9.0 TPY	17.1
Combined HAPs	1.22	<22.5 TPY	46.2

\* For each affected facility

**Source Description:**

Flexcel - Danville, LLC, a subsidiary of Kimball International, Inc. manufactures upholstered furniture. Existing equipment at the site includes four paint booths, a natural gas-fired drying oven, and a woodworking operation consisting of many different types of planers, saws, sanders, routers and other miscellaneous types of equipment.

The source has submitted an air permit application to renew its existing conditional major permit, F-00-0034 (Revision 1). There have been no changes in the plant operations since the latest permit revision. The source-wide PTE of VOC is over 250 tons per year and PTE of both single and combined HAP(s) are over the major source thresholds. However, the permittee accepted emission limits pertaining to the HAP and VOC, which allowed it to be a Conditional Major / Synthetic Minor Source. These limits are 90, 9.0 and 22.5 for VOC, single HAP and combined HAPs, respectively.

**Emission and Operating Caps Description:**

See Permit Statement Of Basis.